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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/802,935	03/18/2004	Douglas J. Ranalli	N004/7001US2	5158

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EXAMINER

WENDELL, ANDREW

ART UNIT	PAPER NUMBER
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2618

MAIL DATE	DELIVERY MODE
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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/802,935	Applicant(s) RANALLI ET AL.	
	Examiner ANDREW WENDELL	Art Unit 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 April 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-3, 5-16, and 18-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maggenti et al. (US Pat Appl# 2003/0012149) in view of Szurkowski (US Pat# 6,417,933).

Regarding claims 1 and 14, Maggenti et al. method for providing group communication services teaches a method comprising extending a PTT service provider system to also enable communication with unregistered end user equipment not registered for service with the PTT system, wherein a registered user of the PTT system is allowed to initiate a PTT session with the unregistered end user equipment without requiring pre registration of the latter (Abstract, Sections 0015, 0133, and 0144; if the user is on another system [i.e. desktop vs. a terrestrial wireless communication system] they are not registered beforehand and therefore if they are not registered beforehand and able to have a PTT session than they are not pre registered either. Also, the "nets" can be modified to allow PTT communication which can read on the devices not being registered beforehand and therefore not pre registered), the method including querying an external directory service database to discover the existence of unregistered end user equipment using a unique identifier, the querying step comprising a wireless phone

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208-210 (Fig. 3), having push-to-talk (PTT) functionality and registered with a PTT server (Sections 0056 and 0066), sending a request for a PTT session to the PTT server (Sections 0203-0343), the request including a unique identifier of a destination network computer, the destination network computer being an unregistered end user equipment, accessible on a public data network , and having PTT functionality; the PTT server receiving the request and sending a query for a PTT address for the destination network computer to a directory service accessible on the public data network and having PTT functionality (Figs. 2 and 3 and Sections 0203-0343); the directory service receiving and resolving the query, based on the unique identifier, to the PTT address and returning the PTT address to the PTT server (Sections 0203-0343); and the PTT server receiving the request and sending a request for a PTT session to the destination network computer (Sections 0203-0343). Maggenti et al. fails to teach a public data network and unique identifier for the priority date of 6/5/1998.

Szurkowski's teleconferencing and facsimile communications method teaches a request including a unique identifier 208 (Fig. 3A) of a destination network computer, accessible on a public data network 163 (Fig. 1).

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a public data network and unique identifier as taught by Szurkowski into Maggenti et al. method for providing group communication services in order to cut down traveling costs, time, and increasing productivity (Col. 1 lines 43-46).

Szurkowski and Maggenti fail to teach having PTT functionality and not registered for PTT service.

Regarding claim 2, Szurkowski further teaches wherein the public data network is the Internet (Col. 4 lines 41-43).

Regarding claim 3, Maggenti et al. further teaches wherein the PTT address is a Session Initiation Protocol (SIP) address (Sections 0203-0343).

Regarding claim 5, Szurkowski further teaches wherein the directory service issues the unique identifier to the destination network computer (Col. 6 lines 2-33).

Regarding claim 6, it would be obvious wherein the unique identifier is a telephone number with a # prefix. Both Maggenti and Szurkowski teach a unique identifier and having any symbol prefix is obvious.

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a prefix in the unique identifier into a public data network and unique identifier as taught by Szurkowski into Maggenti et al. method for providing group communication services in order to increase security and easier to note the unique identifier.

Regarding claim 7, it would be obvious wherein the unique identifier is a fixed or variable length number or name with a # or * prefix. Both Maggenti and Szurkowski teach a unique identifier and having any symbol prefix is obvious.

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a prefix in the unique identifier into a public data network and unique identifier as taught by

Szurkowski into Maggenti et al. method for providing group communication services in order to increase security and easier to note the unique identifier.

Regarding claim 8, Maggenti et al. teaches a push-to-talk (PTT) server (Sections 0056 and 0066) of a PTT service provider system for extending the PTT system to also enable communication with unregistered end user equipment not registered for service with the PTT system, wherein a registered user of the PTT system is allowed to initiate a PTT session with the unregistered end user equipment without requiring pre registration of the latter (Abstract, Sections 0015, 0133, and 0144; if the user is on another system [i.e. desktop vs. a terrestrial wireless communication system] they are not registered beforehand and therefore if they are not registered beforehand and able to have a PTT session than they are not pre registered either. Also, the “nets” can be modified to allow PTT communication which can read on the devices not being registered beforehand and therefore not pre registered), the PTT server containing means for querying an external directory service database, accessible on a public data network, with a unique identifier to obtain a PTT address for initiating a PTT session with a destination network computer not registered with a PTT server (Figs. 2 and 3, abstract, Sections 0015, and 0203-0343). Maggenti et al. fails to teach a public data network and unique identifier for the priority date of 6/5/1998 and not registered for PTT service.

Szurkowski's teaches a unique identifier 208 (Fig. 3A) of a destination network computer, accessible on a public data network 163 (Fig. 1).

Crockett teaches having PTT functionality (Section 0013) and not registered for PTT service (“adding a new member to an active group call,” Claim 1; Sections 0010-0017).

Regarding claim 9, Maggenti et al. further teaches wherein the means for querying includes means for querying a DNS directory service (Sections 0203-0343).

Regarding claim 10, Maggenti et al. further teaches wherein the means for querying includes means for receiving the PTT address (Sections 0203-0343).

Regarding claim 11, Maggenti et al. further teaches means for sending a PTT session request to the destination network computer (Sections 0203-0343).

Regarding claim 12, Maggenti et al. further teaches means for receiving a PTT session response from the destination network computer (Sections 0203-0343).

Regarding claim 13, Maggenti et al. further teaches means for accessing a user equipment registered with the PTT server, means for receiving a request for a PTT session with the unique identifier, and means for sending the user equipment a session response (Sections 0203-0343).

Regarding claim 15, Szurkowski further teaches wherein the public data network is the Internet (Col. 4 lines 41-43).

Regarding claim 16, Maggenti et al. further teaches wherein the PTT address is a Session Initiation Protocol (SIP) address (Sections 0203-0343).

Regarding claim 18, it would be obvious wherein the unique identifier is a number or name. Both Maggenti and Szurkowski teach a unique identifier and having any number or name is obvious.

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a name or number in the unique identifier into a public data network and unique identifier as taught by Szurkowski into Maggenti et al. method for providing group communication services in order to increase security and easier to note the unique identifier.

Regarding claim 19, Maggenti et al. further teaches wherein the directory service is a domain name system (DNS) directory service.

3. Claims 4 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maggenti et al. (US Pat Appl# 2003/0012149) in view of Szurkowski (US Pat# 6,417,933) and further in view of Kaneko et al. (US Pat Appl# 2005/0221842).

Regarding claim 4, Maggenti et al. method for providing group communication services in view of Szurkowski's teleconferencing and facsimile communications method teaches the limitations in claims 1 and 3. Maggenti et al. and Szurkowski fails to teach a SIP-URI address.

Kaneko et al. position management server and mobile communication system teaches wherein the SIP address is a SIP-URI that can be further resolved into an IP address and a port number for receiving PTT sessions at the destination network computer (Sections 0139-0142 and 0163-0167).

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a SIP-URI address as taught by Kaneko et al. into a public data network and unique identifier as taught by Szurkowski into Maggenti et al. method for providing group communication

services in order to enable a session to be initiated even when the terminal can not be connected (Sections 0006-0007).

Regarding claim 17, Kaneko et al. further teaches wherein the SIP address is a SIP-URI that can be resolved into an IP address and a port number for receiving PTT sessions at the network computer (Sections 0139-0142 and 0163-0167).

4. Claims 20 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maggenti et al. (US Pat Appl# 2003/0012149) in view of Szurkowski (US Pat# 6,417,933) and further in view of Crockett et al. (US Pat Appl# 2003/0154249).

Regarding claim 20, Maggenti et al. system for providing group communication services in view of Szurkowski's teleconferencing and facsimile communications system teaches the limitations in claim 14. Maggenti et al. and Szurkowski fails to teach a resource record.

Crockett et al. apparatus for removing a member from an active group call in a group communication network teaches wherein the directory service stores the PTT address as a resource record (Sections 0043-0044).

Therefore, it would have been obvious at the time of the invention to one of ordinary skill in the art at the time the invention was made to incorporate a resource record as taught by Crockett et al. into a public data network and unique identifier as taught by Szurkowski into Maggenti et al. system for providing group communication services in order to improve removing a ember from an active group call (Section 0011).

Regarding claim 21, Crockett et al. further teaches wherein the format of the resource record is one or more of a Naming Authority Pointer (NAPTR), Service (SRV), and A record (Sections 0043-0044).

Response to Arguments

5. Applicant's arguments with respect to claims 1-21 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDREW WENDELL whose telephone number is (571)272-0557. The examiner can normally be reached on 7:30-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Andrew Wendell/
Examiner, Art Unit 2618

/Nay A. Maung/
Supervisory Patent Examiner, Art
Unit 2618

7/30/2008